ABSTRACT

A wireless device (110) includes a transceiver (230), an output queue (220), indicator logic (250, 510), and an indicator (260). The transceiver (230) is configured to transmit data to a network via a wireless connection. The output queue (220) is configured to store data that awaits transmission by the transceiver (230). The indicator logic (250, 510) is configured to estimate the quality of the wireless connection based on queuing behavior of the data and/or transceiver behavior relating to the data. The indicator (260) is configured to provide information regarding the quality of the wireless connection to a user of the wireless device (110).